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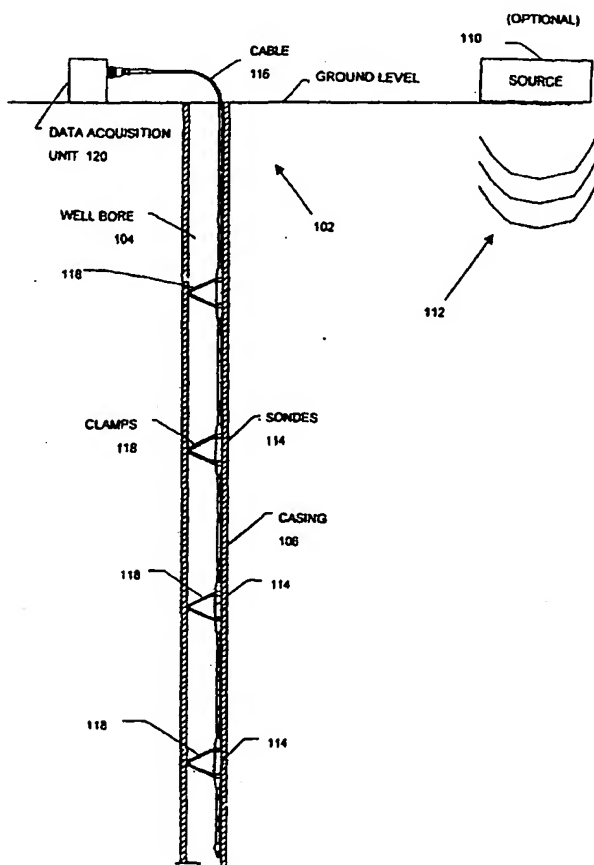
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(54) Title: RESERVOIR EVALUATION APPARATUS AND METHOD



(57) Abstract: A seismic imaging apparatus (Fig. 1) and method for evaluating a reservoir. The invention includes a plurality of sensors (14) disposed in a well borehole (104) either permanently cemented in place or retrievably disposed using a series of clamps (118) to attach the sensors to the borehole wall. Each sensor uses one or more forced balanced controlled accelerometers to detect acoustic energy in the formation.

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